





(7) S - Descri	be how pressure, volume and temperature are related. be an investigation to estimate the value of absolute zero nine the accuracy of a value by qualitative means	0:00:0	<b>\$</b>
Ple	Plenary		0
by	an experiment with helium gas at constant volume, the pr the gas is measured at 10 °C intervals from 0 °C to 100 °C u would use this data to determine a Celsius value for abs	C. Describe h	
	Answer	Marks	
	Plot a graph of $p$ against $\theta$ / °C using the data	B1	
Key — point	Draw the best fit straight line (through the points)	B1	
	Extrapolate line to reach $p = 0$ , read off temperature at which $p = 0(AW)$	B1	